

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Victor Suen et al.

Group. No.

Not yet assigned

Application No. 10/614,956

Examiner

Not yet assigned

Filed:

July 8, 2003

Title:

APPARATUS AND METHODS FOR IMPROVED INPUT/OUPUT CELLS

**Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT **FILED UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. § 1.97(b), Applicants hereby submit an Information Disclosure Statement by Applicant, Substitute form 1449/A, together with copies of all patents, publications or other information of which Applicants are aware, which Applicants believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

The relevance of the attached references is that this is the closest art of which Applicants are aware. Applicants submit that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Should any fees be required in connection with the filing of this Information Disclosure Statement, the Commission is hereby authorized to charge said fees to Deposit Account No. 12-2252.

Date: August 6, 2003

By:

Daniel N. Fishman, 35,512

Respectfully submitted

Lathrop & Gage, L.C. 4845 Pearl East Circle, Suite 300

Boulder, CO 80301

Telephone (720) 931-3025 Facsimile (720) 931-3001

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Attorney Docket Number

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known ubstitute for form 1449A/PTO Application Number 10/614,956 INFORMATION DISCLOSURE July 8, 2003 Filing Date STATEMENT BY APPLICANT Victor Suen First Named Inventor Art Unit (use as many sheets as necessary) **Examiner Name** 02-6052

of 2

Sheet

U.S. PATENT DOCUMENTS							
Cupalinas	Cito	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear		
Examiner Initials *	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Oned Bodiment			
		US-			-		
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
***************************************		US-					
	-	US-					
	1	US-					
		US-					
		US-					
	1	US-					
		US-					
-		US-					
		US-					
	1	US-					
		US-					
	1	US-	-				
•	1	US-			<u></u>		

FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	T <sup>6</sup>				
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear					
				· .						
	<u> </u>			·						
			· · · · · · · · · · · · · · · · · · ·							
	1									
	<del> </del>									

Examiner	Date Considered	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AJENTATRIBES

PTO/SB/08b(05-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

3WV	Ф							
Substitute	for form 1449A/P	то		Complete if Known				
				Application Number	10/614,956			
INFORMATION DISCLOSURE				Filing Date	July 8, 2003			
STAT	STATEMENT BY APPLICANT			First Named Inventor	Victor Suen			
				Group Art Unit				
(use as many sheets as necessary)			necessary)	Examiner Name				
Choot	12	of	2	Attorney Docket Number	02-6052			

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		Micron 288 Mb SIO Reduced Latency (RLDRAM II) Rev, 2, Pub 04/03, Micron Technology, Inc. 2003 pp. 1-46, Boise, Idaho				
		Micron TN-46-06, Technical Note Ternination for Point-to-Point Systems, pp. 1-6-Rev. 06/01, 2001 Micron Technology, Inc., Boise, Idaho				
			<u> </u>			
			_			
			-			
			<del> </del>			

Examiner	Da	ate		
Signature	C	onsidered		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

and not considered. Include copy of this form with the Comminator to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.